

=> fil reg; d que l3

FILE 'REGISTRY' ENTERED AT 11:37:04 ON 22 OCT 2003

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 21 OCT 2003 HIGHEST RN 607679-40-3

DICTIONARY FILE UPDATES: 21 OCT 2003 HIGHEST RN 607679-40-3

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

L2 6288 SEA FILE=REGISTRY ABB=ON UGCACUCCAGCCUGAGCGAC|GUCGCUCAGGCUGGAG  
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L3 10 SEA FILE=REGISTRY ABB=ON L2 AND SQL<101

=> d rn cn kwic nte lc l3 1-10

L3 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN

RN 502665-34-1 REGISTRY

CN DNA, d(C-T-C-A-A-G-T-G-G-T-T-C-A-A-C-A-C-T-T-A-A-G-A-A-T-G-G-G-G-A-C-A)  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 226: PN: US20030054371 SEQID: 223 unclaimed DNA

SQL 32

SEQ 1 ctcaagtgggt tcaacactta agaatgggga ca  
= =====

HITS AT: 10-29

LC STN Files: CA, CAPLUS, USPATFULL

L3 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN

RN 502663-23-2 REGISTRY

CN DNA, d(T-T-C-A-A-C-A-C-T-T-A-A-G-A-A-T-G-G-G-G) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 357: PN: US20030054371 SEQID: 353 claimed DNA

SQL 20

SEQ 1 ttcaacactt aagaatgggg  
=====

HITS AT: 1-20

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

LC STN Files: CA, CAPLUS, USPATFULL

L3 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN

RN 502663-22-1 REGISTRY

CN DNA, d(T-G-C-A-C-T-C-C-A-G-C-C-T-G-A-G-C-G-A-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

RN 296362-33-9 REGISTRY  
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OTHER NAMES:  
CN 221: PN: WO0056856 SEQID: 37 claimed DNA  
SQL 20

SEQ 1 tgcactccag cctgagcgac  
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HITS AT: 1-20

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

LC STN Files: CA, CAPLUS

L3 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 239189-63-0 REGISTRY  
CN GenBank AI833237 (9CI) (CA INDEX NAME)  
SQL 51

SEQ 1 tttgagatgg agtcttctc tgctcctcag gctggagtgc aggggggtga  
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HITS AT: 22-41

NTE singlestranded

LC STN Files: GENBANK

L3 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 204673-71-2 REGISTRY  
CN GenBank AA837701 (9CI) (CA INDEX NAME)  
SQL 97

SEQ 1 gttttgagat ggggtcttgt tctgtcgtc aggctggagt gcagtgggtg  
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HITS AT: 24-43

NTE singlestranded

LC STN Files: GENBANK

=> fil capl uspatf; s l3  
FILE 'CAPLUS' ENTERED AT 11:37:41 ON 22 OCT 2003  
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FILE 'USPATFULL' ENTERED AT 11:37:41 ON 22 OCT 2003  
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L4 5 L3

=> dup rem l4  
PROCESSING COMPLETED FOR L4  
L5 3 DUP REM L4 (2 DUPLICATES REMOVED)  
ANSWERS '1-3' FROM FILE CAPLUS

=> d ibib ab hitrn 1-3; fil hom

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1  
ACCESSION NUMBER: 2003:222236 CAPLUS  
DOCUMENT NUMBER: 138:253687  
TITLE: Microsatellite repeat polymorphisms in costimulatory  
receptor locus and PCR primers and method for  
determination of predisposition to autoimmune diseases  
INVENTOR(S): Ling, Vincent; Wu, Paul; Gray, Gary S.  
PATENT ASSIGNEE(S): Genetics Institute, Inc., USA

HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

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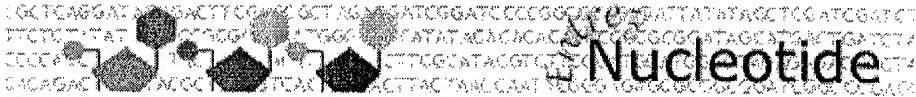
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AB The present invention relates to novel immune/hematopoietic-related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "immune/hematopoietic antigens", and the use of such immune/hematopoietic antigens for detecting immune/hematopoietic-related diseases and/or disorders, particularly the presence of cancer and cancer metastases of cells of hematopoietic origin. More specifically, 9752 isolated immune/hematopoietic-assocd. cDNA and 22,912 genomic DNA mols. are provided that encode novel immune/hematopoietic-assocd. polypeptides. Novel immune/hematopoietic polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human immune/hematopoietic assocd. polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the immune system or cells and tissues assocd. with hematopoiesis, including cancers of cells of hematopoietic origin, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compns. for inhibiting the prodn. and function of the polypeptides of the present invention. [This abstr. record is one of twelve records for this document necessitated by the large no. of index entries required to fully index the document and publication system constraints.].

IT **428613-82-5P**

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; human nucleic acids encoding immune/hematopoietic-

Entrez PubMed Nucleotide Protein Genome Structure PMC Taxonomy Boo

Search Nucleotide ☒ for Limits Preview/Index History Clipboard Details

Display default ☒ Show: 20 ☒ Send to File ☒ Get Subsequence

☐ 1: AY152465. Homo sapiens isol...[gi:26984022]

[Links](#)

LOCUS AY152465 63 bp DNA linear PRI 15-DEC-2002

DEFINITION Homo sapiens isolate 16 RUNX1/CBFA2T1 translocation breakpoint sequence.

ACCESSION AY152465

VERSION AY152465.1 GI:26984022

KEYWORDS .

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 63)

AUTHORS Zhang,Y., Strissel,P., Strick,R., Chen,J., Nucifora,G., Le Beau,M.M., Larson,R.A. and Rowley,J.D.

TITLE Genomic DNA breakpoints in AML1/RUNX1 and ETO cluster with topoisomerase II DNA cleavage and DNase I hypersensitive sites in t(8;21) leukemia

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 99 (5), 3070-3075 (2002)

MEDLINE 21874099

PUBMED 11867721

REFERENCE 2 (bases 1 to 63)

AUTHORS Zhang,Y. and Rowley,J.D.

TITLE Direct Submission

JOURNAL Submitted (19-SEP-2002) Department of Medicine, University of Chicago, 5841 S. Maryland Ave., MC2115, Chicago, IL 60637, USA

FEATURES

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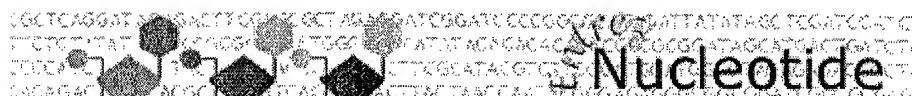
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☐ 1: AI833237. at76d05.x1 Barste...[gi:5455217]

[Links](#)

#### IDENTIFIERS

dbEST Id: 2921190  
 EST name: at76d05.x1  
 GenBank Acc: AI833237  
 GenBank gi: 5455217

#### CLONE INFO

Clone Id: IMAGE:2377929 (3')  
 Source: IMAGE Consortium, LLNL  
 DNA type: cDNA

#### PRIMERS

Sequencing: -40UP from Gibco  
 PolyA Tail: Unknown

#### SEQUENCE

TTTGAGATGGAGTCTTGCTCTGTCGCTCAGGCTGGAGTGCAGGGGGGTGAT

Entry Created: Jul 13 1999  
 Last Updated: Jul 13 1999

#### COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium ([info@image.llnl.gov](mailto:info@image.llnl.gov)) for further information.

PUTATIVE ID Assigned by submitter  
 contains Alu repetitive element;

#### LIBRARY

Lib Name: Barstead colon HPLRB7  
 Organism: Homo sapiens  
 Sex: male  
 Organ: colon  
 Develop. stage: adult, age 25  
 Lab host: DH10B (phage resistant)  
 Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker  
 R. Site 1: EcoRI  
 R. Site 2: NotI  
 Description: 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACGAATCTGAAGTGGGAGCGGCCGCCCTTTTTTTTTTTTTTTTTTTTTT 3']; double-stranded cDNA was ligated to Eco RI adaptors [5' AATTCACTAGTAAT 3' and 5' ATTACTAGTG 3'], digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library constructed by Bob Barstead.

#### SUBMITTER

Name: Wilson RK  
 Institution: Washington University School of Medicine  
 Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800  
Fax: 314 286 1810  
E-mail: [est@watson.wustl.edu](mailto:est@watson.wustl.edu)

**CITATIONS**

Title: WashU-NCI human EST Project  
Authors: Hillier, L., Allen, M., Bowles, L., Dubuque, T., Geisel, G., Jost, S., Krizman, D., Kucaba, T., Lacy, M., Le, N., Lennon, G., Marra, M., Martin, J., Moore, B., Schellenberg, K., Steptoe, M., Tan, F., Theising, B., White, Y., Wylie, T., Waterston, R., Wilson, R.  
Year: 1997  
Status: Unpublished

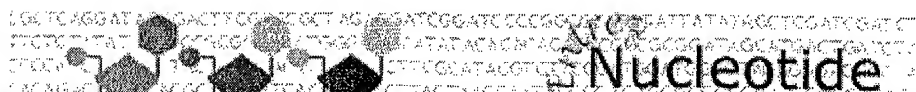

**MAP DATA**

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Entrez PubMed Nucleotide Protein Genome Structure PMC Taxonomy Boo

Search Nucleotide ☐ for ☐ Go Clear

Limits Preview/Index History Clipboard Details

Display default ☐ Show: 1 ☐ Send to File ☐

☐ 1: AA837701. oe06c02.s1 NCI\_CG...[gi:2912900]

[Links](#)

#### IDENTIFIERS

dbEST Id: 1559799  
EST name: oe06c02.s1  
GenBank Acc: AA837701  
GenBank gi: 2912900

#### CLONE INFO

Clone Id: IMAGE:1385090  
Source: NCI  
Insert length: 451  
DNA type: cDNA

#### PRIMERS

Sequencing: -40m13 fwd. ET from Amersham  
PolyA Tail: Unknown

#### SEQUENCE

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Quality: High quality sequence stops at base: 50

Entry Created: Mar 31 1998  
Last Updated: Apr 7 1998

#### COMMENTS

Tissue Procurement: Christopher A. Moskaluk, M.D., Michael R. Emmert-Buck, M.D., Ph.D.  
cDNA Library Preparation: David B. Krizman, Ph.D.  
cDNA Library Arrayed by: Greg Lennon, Ph.D.  
DNA Sequencing by: Washington University Genome Sequencing Center  
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: [www-bio.llnl.gov/bbrp/image/image.html](http://www-bio.llnl.gov/bbrp/image/image.html)

PUTATIVE ID Assigned by submitter  
contains element PTR5 repetitive element ;

#### LIBRARY

Lib Name: NCI\_CGAP\_Ov2  
Organism: Homo sapiens  
Sex: female  
Tissue type: ovary  
Lab host: DH10B  
Vector: pAMP10  
Description: mRNA made from invasive ovarian tumor, cDNA made by oligo-dT priming. Non-directionally cloned. Size-selected on agarose gel, average insert size 600 bp. Reference: Krizman et al. (1996) Cancer Research 56:5380-5383.

**SUBMITTER**

Name: Robert Strausberg, Ph.D.  
E-mail: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)

**CITATIONS**

Title: National Cancer Institute, Cancer Genome Anatomy Project  
(CGAP), Tumor Gene Index  
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>  
Year: 1997  
Status: Unpublished

**MAP DATA**

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